

Converting Colors

CIELCh(61, 65.365, 356.290)

Have a look what the booklet for
CIELCh(61, 65.365, 356.290)
contains.

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Color

CIELCh(61, 65.365, 356.346)

Conversions

Conversions Part 1

Format	Color
Hex	F65A9D
RGB	246, 90, 157
RGB Percent	96%, 35%, 62%
CMY	0.0363, 0.6479, 0.3851
CMYK	0.00, 0.63, 0.36, 0.04
HSL	334°, 89%, 66%
HSV	334°, 63%, 96%
XYZ	47.6236, 29.2481, 34.9392
YIQ	144.2820, 71.4690, 53.9090

Conversions

Conversions Part 2

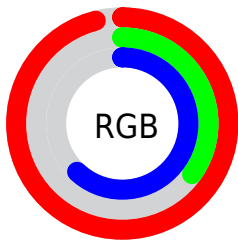
Format	Color
R _{YB}	246, 90, 157
Decimal	16145053
CIE Lab	61.00, 65.23, -4.17
CIE LCh	61, 65.365, 356.346
Yxy	29.2481, 0.4259, 0.2616
Android (android.graphics.Color)	4294335133 (0xFFFF65A9D)
YUV	144.2820, 6.2700, 89.2067
Hunter-Lab	54.0815, 62.5423, -0.4470

Details

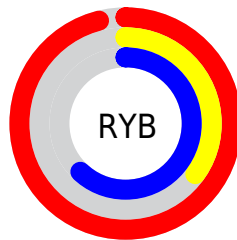
The CIELCh color **61, 65.365, 356.346** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **88, 59.759, 160.054**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 50.374, 342.947**, and **41, 65.291, 356.216** is the 20% darker color. If you saturate the color by 10%, you get **57, 72.669, 358.988**, and if you desaturate by 10%, it is **65, 56.402, 354.247**.

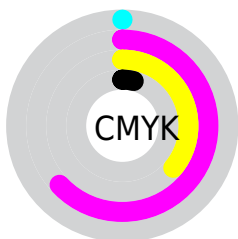
Distribution



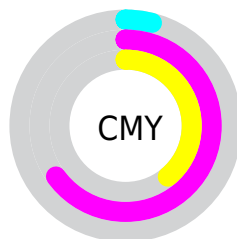
- Red (96%)
- Green (35%)
- Blue (62%)



- Red (96%)
- Yellow (35%)
- Blue (62%)



- Cyan (0%)
- Magenta (63%)
- Yellow (36%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 65.365, 356.346 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 61, 65.365, 356.346 by changing the saturation by 10% instead.


 61, 65.365,
356.346


 61, 65.365,
356.346


 100, 65.365,
356.346


 51, 65.365,
356.346


 81, 65.365,
356.346

 41, 65.365,
356.346

 91, 65.365,
356.346

 31, 65.365,
356.346

 21, 65.365,
356.346

 11, 65.365,
356.346

 1, 65.365, 356.346

 0, 65.365, 356.346

61, 65.365,
356.346

61, 65.365,
356.346

57, 72.669,
358.988

65, 56.402,
354.247

55, 77.896, 2.346

71, 46.345,
352.539

53, 80.982, 6.588

76, 35.700,
351.114

52, 82.240, 9.777

82, 24.861,
349.896

88, 14.099,
348.826

95, 3.581, 347.787

99, 3.200, 198.557

99, 3.199, 199.409

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61, 65.365, 356.346



88, 59.759, 160.054

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 65.365, 356.346



61, 65.365, 46.346



61, 65.365, 176.346



61, 65.365, 226.346

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61, 65.361, 356.347



88, 20.639, 349.407



55, 89.358, 314.176



45, 14.250, 349.720



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 65.361, 356.347



59, 76.393, 359.809



61, 65.139, 32.121



48, 5.897, 348.425



40, 66.700, 8.817



9, 29.768, 1.547

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 65.361, 356.347



59, 76.393, 359.809



86, 39.035, 205.097



48, 5.897, 348.425



40, 66.700, 8.817



9, 29.768, 1.547

Previews

White Background



This preview shows how the CIELCh color 61, 65.365, 356.346 looks on a white background.

Color Contrast Check

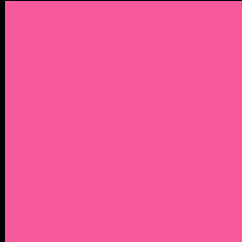
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 65.365, 356.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

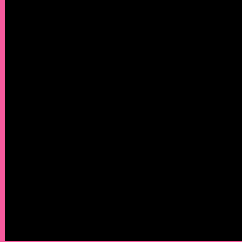
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 65.365, 356.346

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.365, 356.346.

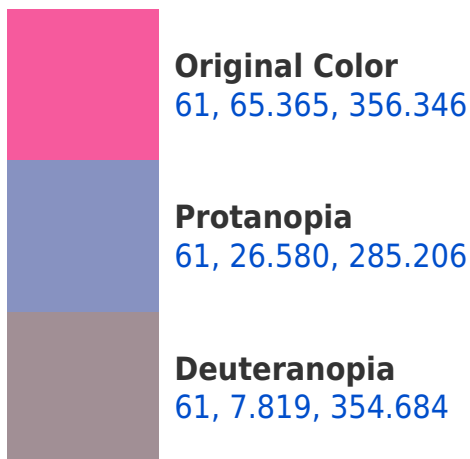


This preview shows how white text looks on a background with the CIELCh color 61, 65.365, 356.346.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

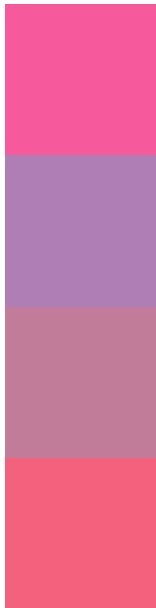
Dichromacy





Tritanopia
61, 59.943, 24.184

Trichromacy



Original Color
61, 65.365, 356.346

Protanomaly
59, 35.243, 323.361

Deuteranomaly
60, 30.651, 352.442

Tritanomaly
61, 59.905, 13.527

Monochromacy



Original Color
61, 65.365, 356.346

Achromatopsia
60, 0.008, 296.813

Achromatomaly
58, 26.295, 350.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.365, 356.346 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(246, 90, 157)` looks like.

```
.text, #text, p{  
    color:rgb(246, 90, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 90, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 90, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.365, 356.346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 90, 157) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 90, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 90, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 90, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 90, 157);  
box-shadow:4px 4px 4px 4px rgb(246, 90,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.365, 356.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 90, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246, 90,  
157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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